

INTERNATIONAL SEARCH REPORT

Inter

Application No

PCT/IB2004/051557

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 G11B27/32 G11B27/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 687 144 A (NISHIZAWA TATSUO) 11 November 1997 (1997-11-11) the whole document	1-12
X	US 5 872 712 A (BRENNEMAN SCOTT A ET AL) 16 February 1999 (1999-02-16) the whole document	1-12



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

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- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

4 November 2004

Date of mailing of the international search report

16/03/2005

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5687144	A	11-11-1997	NONE	
US 5872712	A	16-02-1999	AU 7958998 A	30-12-1998
			CA 2294027 A1	17-12-1998
			CN 1127680 B	12-11-2003
			EP 1034463 A1	13-09-2000
			JP 2002504254 T	05-02-2002
			WO 9857241 A1	17-12-1998